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Beginner's SIG

RICHARD STIEHL

NOW THAT IT IS PLUGGED IN...

If you consider yourself a beginner Atari Computer User, then this is the place for you! Once a month the Beginner's SIG meets at the San Lorenzo public library.

A variety of subjects are discussed from "Bootin'" DOS, to connecting peripherals, to the Atari computer itself, and how to utilize these effectively. We have even looked at and discussed certain software.

If you have any questions whether of a beginner's nature or otherwise, please come to the BEGINNER'S S.I.G. or you may feel free to call me at the following number during the day or evening: 835-9857. If I can't answer your question I will find someone who can.

Please see the CLUB CALENDAR for the date and time of the next meeting.

Software Exchange

TOM TISBY & RON DEVINE

WANTED: Users interested in trading their public-domain disks with the San Leandro Computer Club. Experience not required. All that is required however, is that you have some good new public-domain software. Individuals, national user groups, and international user groups may donate. All others can donate also too. REWARD: Free Floppy-Of-The-Month of your choice for each public-domain disk filled. If you like to participate, write for more information and/or send your disk(s) to:

Tom Tisby & Ronald Devine C/O
San Leandro Computer Club
P.O. Box 1525
San Leandro, CA 94579

Please mark "DO NOT FOLD" on your envelope.

SLCC Journal

The San Leandro Computer Club for Atari Microcomputers is an independent, non-profit organization and users' group with no connection to Atari Incorporated. Membership fees are \$20 per year. Membership includes access to the computer library, subscription to the Journal, and classes when held. Permission to reprint articles in any non-commercial publication is permitted without written authorization, provided proper credit is given to the San Leandro Computer Club and the author. Opinions expressed are those of the author and do not necessarily represent the views of the S.L.C.C.

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JOURNAL ADVERTISING RATES

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JOURNAL SUBMISSIONS

The SLCC Journal will accept any articles written by members on any topic found pertinent to the club. We will accept articles in any form, although we would prefer articles be submitted on Atariwriter files. The following Atariwriter parameters are used:

812 DT 61 IS J1 L10 RS3 S2 TB Y152

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Official BBS of the SLCC - 24 hours
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CORRESPONDENCE ADDRESS & NEWSLETTER EXCHANGE

SAN LEANDRO COMPUTER CLUB
P. O. BOX 1525
SAN LEANDRO, CA 94577-0152

From the Editor's Desk

RON SEYMOUR & TOM BENNETT

You will notice that this month's issue of the Journal is slightly different from our past issues. The major difference is that we are printing proposed constitutional changes. The reason behind this is that as our club has grown, it has been out-of-date with the clubs needs.

The major issue of the constitution that required clarification was that of the club's election procedure. It also clarifies the duties of the officers. There are also proposed additions to executive committee. A discussion committee comprised of Bob Barton, Jim Hood, Phil Mitchell, Jim Moran, Dick Scott, Mike Sawley, Jim Warren, and your editors hashed out this proposed constitution after over 4 and 1/2 hours of debate.

The reason we are publishing this proposal now is that we must ratify the constitution by the elections in June. Please read this over carefully, and prepare your comments for the last half of the March meeting. Discussions will take place then, and we will finish the approval process.

SOAP BOX TIME !!

When you read the meeting minutes in this issue, you will see the statement that the executive committee estimated "that it cost the club about \$350 a month to produce about 400 copies. That totals about \$4200 a year." Well, let us SET THINGS STRAIGHT here!

Jim Warren and we are wondering where such an estimate could be arrived at without consulting any of us to see what our expenses are all about. This would essentially mean that of a membership of 300, \$14 of your membership fee of \$20 went to newsletter production. That seems a bit odd in light of the fact that we OWN A CLUB COPIER!

After some research, Jim Warren came up with some very interesting numbers. By taking into account all of his receipts, which included some purchases of copier materials for future issues of the Journal, he discovered that costs for ALL PUBLICATIONS of the club (including newsletters, handouts, disk catalogs, etc.) work out to a annual cost per member of \$6.54. That would amount to a per Journal issue cost of \$.545 each. We think this \$6.54 per member is a reasonable expense.

This does not take into account the revenues we received in advertising.

Should you include the cost of the Special Edition last year, yes the costs per member go up considerably. But we had originally decided that the SE Journal would be able to support most of it's cost by selling the disk package. We were well aware of the costs of the SE Journal ahead of time, but the general membership, after being briefed of the situation, chose to make the distribution of disks and magazine free of charge.

The point of the matter is that the estimate stated in the meeting minutes is overstated. We are making yet other efforts to reduce production costs by going to a bulk mailing rate in March. This will allow us to spend less than half of what we are currently spending on postage now, and we can even expand the newsletter at the lower rate from 2 ounces to 3 and 1/2 ounces.

We want to bring you expanded issues of the Journal in the future, and feel that the costs are justified. Should you think differently, please let us know.

When we go to bulk rate mailing, we have to allow for 10 days for delivery of the Journal. Because of this, final deadline for next issue is FEBRUARY 14. We will not be able to accept submissions after the above date. We know this will be difficult for submissions, but to keep our costs down and deliver the Journal on time, we have to keep to this earlier date.

There have been some minor concerns that the Journal is becoming more oriented to the 16 bit machines versus the 8 bit machines. We hope that we are presenting a balanced newsletter, and that it is important that we cover both machines. Please understand that the content of the newsletter depends on your input. We will print the articles that we receive, and sometimes there will be more coverage of one system over the other. If you would like to see more articles on either system, why not write one up for the Journal. We can always use product reviews, short program listings, tutorials, anything of Atari interest.

This month's cover art is again a product of resident artist Jim Hood. We would like to see others involved in cover art as well. How about some ST cover art?

Et Cetera: Dave Duberman is no longer with Atari. Dave had been the director of user group support, and is now working for Jamie Copland's new firm.

Antic On-Line

JACK POWELL
ANTIC ON-LINE

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JANUARY 9, 1986 CES - THE FIRST DAY

Las Vegas, NV - The Consumer Electronics Show! Only six weeks have passed since ANTIC attended the massive COMDEX in Las Vegas (just enough time for three holidays, two turkeys and an arm load of gifts). And now, here we are - back in "Sin City" for an equally massive CES.

FAMILY OF ATARI PRODUCTS

Atari Corp. displayed their "family of Atari products" in a huge booth with over 81 monitors featuring videotapes of everything from Dig Dug on the 2600 video machine to Star Raiders on the 520 ST.

Whereas Atari had displayed primarily ST software support at COMDEX - a show primarily for the high end of the computer industry - their exhibit here at CES is focused on the mass-market; the K-Marts and the Toys-R-Us outlets.

The Atari exhibit is three huge walls of monitors. Looking from left to right, while standing in the middle of the purple corral, one first sees 12 monitors displaying 2600 games, including Pole Position, Stargate, Moon Patrol, and Joust. The 2600 has been redesigned as a smaller unit and will sell for \$39.95. Release date is expected to be February 1st.

To the right of the 2600 screens are twelve 7800 screens. The 7800 video game machine was developed by the previous Atari company and exhibited at the June 1984 CES just weeks before Jack Tramiel bought Atari and temporarily squelched the project. The machine features excellent color graphics (due to the "Maria" graphics co-processor) that appear to be slightly better than the 8-bit computer line, but not quite up to coin-op (or ST) standards. Maria has exceptional bit-block transfer capabilities.

At CES, the 7800 was displaying crisper and faster versions of the same games as the 2600, plus Pacman, Xevious, Asteroids, Food Fight, Robotron, Galaga, Centipede, and the first two Lucasfilm games: Rescue at Fractalus and Ball Blazer. Although Atari told us the machine was ready to market immediately, they have not yet settled upon a price. The unit should sell for between \$69.95 and \$79.95.

There were an additional 48 monitors showing videotapes of mostly ST software

coming from third party developers. Unlike the COMDEX exhibit, where Atari was surrounded by third party ST developers (using Atari's equipment), at CES, the third party support was represented on cycling video displays with company title credits.

Atari was also displaying the "Boink" comparison of bouncing balls on the three 68000 machines - the Macintosh, Amiga and 520 ST. Over in the 8-bit area, however, Atari was delighted to have just received a new Boink demo for the 130XE from XEVIUS - a software store and ST development company from Seattle, which had been responsible for the previous 8-bit Boink.

The latest Boink features a spectacular, spinning 3-D fuji in place of the familiar ball. Additionally, one side of the fuji displays the well-known scrolling rainbow. Very impressive. You can find it in DL4 of the 8-bit SIG*Atari by or before January 14th.

STAR RAIDERS

Star Raiders, the classic 8-bit arcade game, is being adapted by Atari for the ST by programmer Rob Zdybel. A demonstration of the ST version was lighting up a monitor in the Atari area. The game is about one-third complete, and there's no warp drive yet, so we can't report on that particular effect - sorry. But the ships are displayed with solid modeling rather than wire-frame. And, currently, the most impressive part of the demo is the control panel on the lower half of the screen. It's a very detailed graphics display reminiscent of the control panel in Koronos Rift. Atari has no price yet on this software, which it hopes to get to market by early March.

Meanwhile, on the 130XE, Atari was showing the long-awaited Star Raiders II. The game looks remarkably similar to a previously un-released arcader called "The Last Starfighter", which some insiders may have seen about a year ago in a beta version.

But Atari has done a lot of work on the game to improve its playability and make it look more like a sequel to Star Raiders. The star field now moves in response to your joystick giving the illusion of spacial dogfighting. It's more difficult to lock in on your destination planet and the orbiting algorithm has been fixed so you can slow yourself down by pulling on the joystick - but you can no longer go backwards. This makes bombing runs a lot more of a challenge. Other added goodies include shields, space stations and a tactical display. Star Raiders II should be in the stores very soon at a price of \$39.95.

Atari displayed no new hardware at this CES. The 1040 ST is not on display, and the rumored 80-column card and 3 1/2-inch drives for the 8-bit machines were also absent.

According to Atari spokesmen, both the 80-column interface and the smaller drives will be announced at the Hanover Fair in Germany.

When the drives are shown, they are expected to be single-sided, holding 325K - formatted. The access time on the 3 1/2-inchers will be about twice as fast and DOS 2.0S and 2.5 files may be "upwardly" ported to the new drives but you won't be able to port files in the other direction.

Atari will be marketing a packaged 130XE which includes 1050 disk drive, 1027 printer, and bundled software. The "starter package" will sell for \$399, and the software will be Silent Butler, Star Raiders, Music Painter, Paint, and AtariWriter. The package will become available February 1st.

THE 1040 ST

Although Atari was not displaying the 1040, they did officially announce its existence. Photos reveal a machine identical to the 520ST, with the exceptions - as previously reported by ANTIC - that the disk drive slot is where the mouse and joystick ports once were, and the ports have been moved to the right-front under the keyboard. The depth of the back section is about 1 1/2-inches deeper than the width of the current drive slots. Also, it appears as if there is a slightly different eject mechanism in the drive.

The new machine, featuring one megabyte of RAM and built-in double sided disk drive, will sell for \$999.95 (monochrome) or \$1199.95 (color).

Atari has slated the 1040ST for exclusive distribution to "authorized" computer dealers and said the 520ST will be given wider distribution "beyond computer specialty dealers." The 520ST will be aimed toward the consumer who wants to trade up from an 8-bit to a 16-bit.

Atari also announced the availability "next month" of a 20 megabyte, 5 1/4-inch hard disk peripheral - the SHD-204. No other details were provided on the eagerly awaited peripheral.

JANUARY 10, 1986

CES - THE SECOND DAY: PRODUCTS.

Las Vegas, NV - Though most CES insiders agree this year's Vegas show has far fewer software exhibitors, a thorough search reveals a wealth of Atari related goodies at this giant, electronic toy store.

Many developers, having decided the high cost of booth space is not worth the exposure, are displaying their wares in hospitality suites scattered throughout this desert city, while still others simply

wander the fair and show off their wares at other's booths.

In one hospitality suite, Datasoft was displaying the recent 8-bit products, Goonies, Zorro, and Alternate Realities. The latter fantasy role-playing epic is currently being adapted for the ST by a team of programmers led by John Butrovich. Philip Price, the game's original author, will act as creative consultant.

The ST version of Alternate Realities will take advantage of the ST's greater power and RAM capacity to include many concepts Price had always wanted in the game. There will be magic spells, for example, and you will be able to get a job and earn money - as well as meet others and earn their admiration... or their hatred.

The ST Alternate Realities was started two months ago and Activision hopes to have the first disk - The City - to market by Christmas of 1986. The second disk of Alternate Realities will be The Dungeon. It is also currently under development for both the ST as well as the 8-bit machines. No release date has yet been set but both versions will debut simultaneously. A third disk, The Arena, is currently being brainstormed. Arena will allow users to pit two developed characters against each other.

Batteries Included was demonstrating their fine collection of Atari software. The Isgur Portfolio System - a high end financial package - has been released for the IBM.

According to BI, it will be available for the ST sometime in 1986.

BI is also developing a full-scale telecommunications program called I*S talk, and a time management and billing system called I*S Time. These too will become available for the ST in 1986.

Batteries also announced a special purchase policy for educational institutions. For every three or more BI packages purchased, BI will throw in an equal number of the same title for \$10. Not bad.

Soniture, Inc. showed off the Space Pen, a three-dimensional light pen, currently available for the 8-bit computers, and soon available for the ST. Space Pen requires its own software to take advantage of the third axis, but it will take the place of a touch tablet on two-dimensional software products. Space Pen is \$150 on the 8-bits, and \$175 on the ST.

Computer Publications has a new book: The ST Programmer's Guide. The 356 page volume retails for \$16.95 and includes an introduction to ST BASIC, plus explanations of the BASIC keywords. There is also a section on Logo concepts and a rundown of the Logo primitives.

In back of the Programmer's Guide is an explanation of the GEM VDI calls and how to access them from BASIC. Although GEM theory is explained, there is no listing of AES calls and no explanation of C access to either VDI or AES.

Microprose is showing a new 8-bit strategy simulation called Conflict in Vietnam, written by Sid Meier and Ed Bevers. The game, which is due in early March, is similar to the company's Crusade in Europe or Decision in the Desert. There are five battle scenarios you can choose among, which are based upon five decisive battles of the 60's "non-war".

Microprose was also demonstrating Silent Service, for the ST. Programmed by Silas Warner - who did Castle Wolfenstein - the game is expected to hit the dealer's shelves in late March.

PrintMaster, a printer utility similar to Print Shop, is being developed for the ST by a company called Unison World. The product, which is currently available on the IBM PC and Commodore 64, was not being shown at CES.

HELP FOR THE UPRINT

Digital Devices makes a printer interface for the 8-bit Atari called Uprint. The initial releases of the product had a few bugs in it and the company originally established a replacement policy which they now feel is unfair.

They have asked ANTIC to pass the word that all owners of the earlier Uprint (you can tell the earlier models by the existence of a copy switch) may receive a free exchange. Simply return your original unit along with \$6 for shipping.

Jim Schwaller of Extended Software was showing Disk Library, an ST file cataloging utility currently available for \$39.95. Extended Software is also related to Classic Image Software which is planning the release of a marble-rolling game for the ST called Diablo, due out in late March. Classic Image is, somehow, related to Classic Covers which makes plastic dust covers for all Atari peripherals...right down to the mouse.

Accolade announced a February release date of Sundog. The announcement was made from a hospitality suite and, though Accolade was not demonstrating the program on the ST, ANTIC has seen it and can attest to its superior graphics.

ABACUS Publishing displayed their newest ST books. ST Internals is all about the ports and the BIOS and includes a listing of BIOS system calls. ABACUS also has a 68000 machine language book for the ST. Both these books are currently available. Coming January 27th will be

their GEM Programmer's Reference book featuring the VDI and AES calls. All three books retail for \$19.95.

XETEC, Inc. is developing a CAD package for architectural drawing. The ST program, which was demo-ing, will be available in the second quarter at a price no higher than \$99.95.

BACK AT ATARI

Meanwhile, back at the plum-colored Atari corral, Charles Andrews demonstrated his home-brewed 320XE. The machine has been upgraded to contain 192K RAM over the standard 130XE's RAM. It is completely compatible with any XE software and enables such niceties as two RAMdisks plus one floppy - without touching the 130XE's memory.

Atari was interested in the idea, and asked Andrews to display his upgrade machine for awhile to get reaction from the CES crowd. If any of you want to see this product in the Atari lineup, contact John Scruch at Atari.

Bill Wilkinson of O.S.S. premiered their Personal Pascal for the ST. It looks like another winning language from this company. Version 1.0 boots to a familiar GEM menu bar with drop-down menus for editing, compiling and linking. Default options for the compiler and linker may also be adjusted from here then optionally saved to disk.

Compiler options, for example, include pause on errors, chain to linker, debugging options, and GEM or TOS structure for final output code. The editor is a command-based text editor that has a full Help screen for all commands, and a cut and paste function very similar to the ACTION! editor. We were particularly impressed with the fact that the editor also has auto-indent. A feature sorely lacking from all ST program editors up to this point.

O.S.S. has designed their own custom calls to access both GEM AES and VDI. Not satisfied with the original design, they rolled up their sleeves and made a few changes. To open a workstation, for example, you need only one call: InitGem. That's it!

Documentation consists of a very full-looking, 284-page paper-bound book. The language is currently being shipped and retails for \$74.95.

MIDI MARVELS

The Casio exhibit at CES is a sprawling display of synthesizers, watches and other electronic marvels. In one corner ANTIC found Micro-W, a company with a novel

approach to MIDI software. Q.R.S. Music Disks are player piano rolls translated to MIDI song drivers for the ST.

The company discovered the original Q.R.S. player piano company was still making the rolls and set about converting all that music to synthesizer code. As a result, for \$19.95 you can buy a disk of Scott Joplin rags. Or, how about some Gershwin? An entire catalog of disks is expected to be available soon. Just pump 42nd Street into your synthesizer and then alter it to suit your fancy.

Also, for the MIDI crowd, Hybrid Arts - creators of the MIDI Track-3 for the 8-bit machines - stopped by the ANTIC booth to discuss their latest MIDI software for the ST. DX-Droid, is a patch librarian/editor and the first MIDI product to use a form of artificial intelligence. DX-Droid can actually program your Yamaha DX-7 for you. Programming the DX-7 is said to be so complex, there are people who are paid to do it.

Hybrid Arts will also be releasing a sequencing program called MIDI Track ST, which will be able to read and write SMPTE time code. It can also record and play back system exclusive data. (Those last two sentences are for you MIDI freaks out there.)

MIDI Track ST will be available in both a "professional" and a "consumer" version. DX-Droid will be available in February. No release date has been set for MIDI Track ST.

For those of you with a strong interest in MIDI's, you might want to log onto the Hybrid Arts MIDI BBS at (213) 826-4288.

stores. There was no confirmed price for this model. There have been more good articles on the 520ST (Byte Magazines January 1986 and a Popular Science Magazine article in the February, 1986 issue called "Atari Explodes"). For you 8-bit fans like me, there are some good buys at Consumer Distributor. They are conducting a clearance sale on Atari 8 bit products.

8:15 Tom and Ron, our software chairmen, explain the floppy of the month. Tom mentions that the re-stocking of old floppies has been completed. We are missing only 3 or 4 diskettes and hopefully by next meeting the club will have a complete stock of all of the floppies and all the special edition diskettes. Ron mention that he had to remove Gemset from the disk of the month because it was has not yet been published in ANALOG. (Sorry Matt.) Look for it in a future issue of ANALOG.

8:20 Treasurer, Lois Hansen reminded members to pay their membership dues. If you are behind by 3 months your name will be taken off our membership list and of course you will not receive a San Leandro Newsletter called "SLCC Journal". Speaking of the Journal, the executive committee estimated that it cost the club about \$350 a month to produce about 400 copies. That totals about \$4200 a year. Last year we collected about \$5000 from about 250 paid members. At our executive meeting Lois said we now have about 300 paid up members. The SLCC membership card number is in the 400 range. Food for thought, could the club give a free membership to the lucky person with a 500 number on his membership card? How about

number 1000?

8:30 Dick Scott introduces Mr. Walden who wrote the program called "Family History". It is a Genealogy program to keep track of your family tree or family history. The programs will work with the Atari 8-bit machines with at least 48k of RAM (memory), a disk drive and a printer. The program is menu driven and user friendly. The program allows you to do all the normal duties or functions of a data base. It has a built in printer driver to help you configure most common popular printers. The cost is \$59.95. A program was given to our club to be raffled off.

9:30 The usual break and mini swap meet.

9:45 Jim Hood mentions that the club is looking for volunteers for the Hardware Sig and a Journal Advertising Chairman.

9:46 The meeting was officially adjourned by the VP Jim Hood.

Secretary's Report

DAN CHUN

San Leandro Computer Club
General Meeting
January 7, 1986

I would like to thank Jim Moran for an excellent job reporting the activities of our December meeting.

8:00 VP Jim Hood opens the meeting by welcoming everyone to the meeting. He warns the members that their cars will be towed away if they are parked in the back parking lot. He heard some rumors and news about the 520ST. The 520ST will be sold in department stores with a RF modulator so you can hook it up to a color TV instead of a RGB Color Monitor. There was no confirmed price yet. A new computer from Atari called the 1040ST, with more memory and better graphics, is rumored to be sold in computer

SAN LEANDRO COMPUTER CLUB

CONSTITUTION
[PROPOSED]

ARTICLE I - NAME

The name of this club shall be the "SAN LEANDRO COMPUTER CLUB".

ARTICLE II - PURPOSE

- 1- To enhance the knowledge and understanding of personal computers.
- 2- To provide a forum for the exchange of concepts, experiences and new product ideas.
- 3- To promote the general advancement of ATARI hardware and software.

ARTICLE III - MEMBERSHIP

- 1- Prospective members must apply to an officer or designated representative of the club.
- 2- Prospective members must have an active interest in personal computers in general and the ATARI line of computers specifically.
- 3- To join and remain in good standing after joining, the prospective member must pay dues as specified in the club bylaws.
- 4- There shall be no denial of membership due to applicants race, color, creed, national origin or sex.
- 5- Request for membership shall be denied only if the above requirements are not met or if it can be shown that the applicant will not abide by this constitution and bylaws based on their past performance.
- 6- The executive board may deny membership, but must do so unanimously. In case of a dispute by the executive board, the matter of membership of the applicant shall be brought before the membership at the next regular meeting for disposition.
- 7- Honorary membership may be granted by the President, providing the executive board approves. Such honorary members may enjoy all the privileges of membership but will not have voice or vote in club affairs. Said memberships shall be for a period of one year.

ARTICLE IV - OFFICERS

- 1- The club shall have the following officers: President, Vice President, Treasurer, Secretary and Sergeant at Arms.
- 2- Club officers shall be excused from payment of dues while in office.
- 3- No officer shall receive compensation for being an officer.

ARTICLE V - EXECUTIVE BOARD

- 1- The executive board shall consist of the five elected officers, and two elected board members from the general membership.
- 2- The two at large members of the executive board shall be excused from payment of dues while in office.
- 3- The executive board shall act on all matters of club business and communications between club meetings and communicate such actions to the membership.
- 4- The executive board shall be empowered to acquire or dispose of club property to the limits of a dollar amount to be set by the membership and included in the by laws. The limit set by the membership shall be considered an absolute limit and shall not be exceeded for any reason.
- 5- The executive board shall maintain brief written minutes of all meetings and have said minutes available at the next regular meeting.
- 6- No executive board member shall receive compensation for being an executive board member.
- 7- The executive board shall be empowered to excuse payment of dues of members for service to the club.

ARTICLE VI - DUES

- 1- Club dues shall be set by the membership with the following provisions: (A) Members sixty five years of age or older shall be exempt from paying dues.
- 2- There shall be no refunds of dues except in the case of error.
- 3- Special option: For those members living in San Leandro, who wish to enroll other immediate family members in the SLCC, they may do so for one dollar per person.

ARTICLE VII - ELECTIONS

- 1- All club officers and the two at large members of the executive board shall be elected for a yearly term.
- 2- Nominations shall take place at the regular meeting in April.
- 3- All nominees must accept or decline nomination in person or writing no later than the regular meeting in May.
- 4- Elections shall take place at the regular meeting in June.
- 5- The regular term of office shall be from July first through June thirtieth.
- 6- All candidates must be members in good standing for six months prior to the month of nomination.
- 7- Election shall be by secret ballot. Write in candidates shall be allowed.
- 8- Only members in good standing as attested to by the club treasurer shall be allowed to vote.

9- All elections shall be decided by majority vote.

10- If no candidate receives a majority of the votes cast there shall be a run off election between the two candidates receiving the highest number of votes. This run off shall be held during the June meeting. A tie of the top two candidates shall be rerun in the same manner. If necessary a tie that effects a run off shall be Decided in the same manner.

11- No member shall run for more than one office at one time.

ARTICLE VIII - AMENDMENTS

1- This constitution may be amended by a two thirds secret ballot vote at a special order of business called for that purpose.

2- The by laws may be changed by a majority secret ballot vote at a special order of business called for that purpose.

3- The special order of business shall be held during regular meetings.

4- All amendments to this constitution or the club by-laws must be advertised in the club newsletter in the two issues immediately prior to the meeting.

ARTICLE IX - MEETINGS

1- Regular meetings shall be held on the first Tuesday of each month at a generally convenient location.

2- The day or date of any regular meeting may be changed by the membership or the executive board in case of holidays or other unavoidable interference. Said changes are to be advertised in the club newsletter.

ARTICLE X - QUORUM

1- A quorum of ten per cent of the membership shall be required at any regular meeting in order for that meeting to legally conduct business.

2- A quorum of four board members shall be required at any board meeting for that meeting to legally conduct business.

ARTICLE XI - RECALL

1- Any elected officer or executive board member may be recalled from office by the membership using the following procedure.

(A)- Presenting a petition to the executive board signed by twenty five per cent of the club members.

(B) Or passing a recall motion at a regular club meeting instructing the executive board to take action.

(C)- The executive board shall then set up a recall election using normal election rules.

(D)- A member once recalled may not hold any official position with the club for a period of two years.

SAN LEANDRO COMPUTER CLUB

BYLAWS (PROPOSED)

SECTION I - MEMBERSHIP

A- To be a member in good standing dues must be paid through the current month.

B- Members will be dropped from membership on the last day of the last month for which dues have been paid.

C- Members may be suspended for any conduct that in the judgment of the club is detrimental to or brings discredit to the club. Said suspension must be by a two thirds vote of the members present at a regular club meeting.

D- Suspended members may be reinstated upon recommendation of the executive board. Said reinstatement must be by a two thirds vote of the members present at a regular club meeting.

SECTION II - DUES

A- Regular dues shall be twenty dollars per year.

SECTION III - DUTIES OF OFFICERS

A- Presidents:

1- Preside at all club meetings.

2- Enforce the club Constitution and Bylaws.

3- Establish standing committees.

4- Establish other committees and Special Interest Groups (SIG's) as needed.

5- Appoint all committee and SIG chairmen with the approval of the executive board.

It being understood that the general membership may override any appointment.

6- Call monthly meetings of the Executive Board and preside over same.

7- Be an ex officio member of all committees.

8- Carry out all assignments and instructions given by a vote of the club.

9- Appoint qualified members to fill vacancies between elections.

10- Ensure that all club checks are properly drawn and signed by appropriate Officers.

B- VICE PRESIDENT

- 1- Assist president in performing assigned duties.
- 2- Preside at meetings in the absence of the president.
- 3- Act as coordinator of all committees and SIG's.
- 4- Assume the presidency in case the president is unable to complete the term of office.
- 5- Sign properly drawn checks as required.

C- SECRETARY

- 1- Take minutes of all regular and executive board meetings.
- 2- Take roll of officers at all meetings.
- 3- Oversee all written correspondence.
- 4- Keep club records, including membership records.
- 5- Sign properly drawn checks as required.

D- TREASURER

- 1- Collect all dues and fees
- 2- Maintain a two signature checking account to Disburse funds in accordance with the constitution and by-laws.
- 3- Write and sign all checks as required.
- 4- Keep an accurate account of all club funds.
- 5- Deposit all club funds in a commercial bank.
- 6- Make a monthly financial report for the regular meeting.
- 7- Submit all records to the audit committee and assist the committee in the audit.

E- SERGEANT-AT-ARMS

- 1- Maintain order during regular club meetings.
- 2- Maintain quiet during guest speakers presentations.
- 3- Check membership when required.

SECTION IV - ELECTIONS

- A- Nominations for office must be made from the floor during the April regular meeting.

SECTION V - VACANCIES

- A- All vacancies shall be filled by the president with the executive board approval. It being understood that the general membership may override any appointment.
- B- Such appointments will be for the remainder of the term.

SECTION VI - MEETINGS

- A- Regular meetings will be held at the San Leandro Public Library. Software sales and flea market to start by 7:30 P.M. and the regular meeting at 8:00 P.M.
- B- Monthly meetings of the executive board shall be called by the president.
- C- SIG and committee meetings will be called by the individual chairmen involved, such meeting days and dates shall be coordinated so as not to interfere with each other.

SECTION VII - FUNDS

- A- Club funds shall be spent by action of the membership only.
- B- The limit of disbursements by the executive board shall be three hundred dollars per month.
- C- A list of all executive board expenditures shall be made available, at the next regular club meeting.
- D- There shall be no pyramiding of disbursements by the executive board.

SECTION VIII - AUDIT

- A- There shall be three floor members elected to serve as an audit committee.
- B- The nomination and election of this committee shall be at the May regular meeting.
- C- The audit committee shall audit the treasurers books and audit the clubs physical properties during the month of June and prior to the newly elected officers taking over.
- D- The audit committee shall make a report to the membership during the July regular meeting and said report shall be printed in the August newsletter.

SECTION IX - PROPERTY

- A- The secretary shall maintain an inventory of all club property.

SECTION X - STANDING COMMITTEES AND SIG's

- A- Disk software committee
- B- Tape software committee
- C- Newsletter committee
- D- BBS committee (sysop)
- E- Other committees may be appointed as needed
- F- All committee chairmen and SIG leaders will be appointed by the president, with executive board approval.
- G- All committee members will be appointed by the individual chairmen.

SECTION XI - COMMITTEE DUTIES

- A- Disk software committee will collect and assemble public domain software in the form of disks of the month. The committee will maintain copies of all disk software for the use

of the club. Copies of disks will be made available to all members at a price that will be set by the executive board. The committee shall maintain a running audit of all supplies and transactions and make a report on them to the executive board on a monthly basis.

B- Tape software committee will collect and assemble public domain software on tape for use of all club members at a price to be set by the executive board. The committee shall report all transactions to the executive board on a monthly basis.

C- Newsletter committee will publish and distribute a monthly newsletter to all members. They shall publish the newsletter in a manner that brings credit to themselves and the club. The committee will make a report to the executive board on a monthly basis.

D- The BBS committees shall maintain the clubs BBS's in a manner that brings credit to themselves and the club. The committees shall report to the executive board on a monthly basis.

E- The club shall defray the cost of refreshments at all meetings. Such refreshments shall be held to a minimum and may consist of beverages and pastries only. Under no conditions shall this cost exceed one dollar per member in attendance. Any additional refreshments must have membership approval.

SECTION XII - DISCLAIMER AND COPY POLICY

A- All persons must be made aware of the fact that the San Leandro Computer Club is in no way associated with the ATARI corporation.

B- All persons must be made aware that the club is in no way liable for any consequences of software supplied or advice given by club members to other club members.

C- The San Leandro Computer Club specifically prohibits reproduction of copy righted software at any club function.

Our Next Meeting

DICK SCOTT

ATARI CORP. NEXT MEETING

At our next meeting, Mr. Neil Harris of ATARI (U.S.) CORP., and managing editor of the Atari Explorer, will be our guest speaker. And he may bring some other ATARI Executives with him. Neil just returned from the C.E.S. at Las Vegas. He said that he had been very busy there. We'll hear what they had "new" to offer there. If you remembered the last big meeting with Atari Corp., you will not want to miss this!

I would like to express my thanks to our last guest speaker, Mr. Bill Walden, of "DIRECT LINES SOFTWARE", 4816 Forrestall St., Fair Oaks, Ca. 95628; in case any of you are interested in obtaining one of his programs to organize your "Family Tree".

If anyone is interested in getting a Special Interest Group going on tracing your family tree, please let me know.

In March, Lee Actor, will be our guest speaker. Lee is the creator of the famous AMS (Advanced Music Systems I and II). And if you have a "Midi" interface from Hybrid Arts, you will be interested in his newest endeavor, MMS (Midi Music System). He will demo it then. The most interesting thing about it is that you will be to use a translator and convert your AMS files to run through your Midi and synthesizer. If you want to hear more, then be sure to make the "March" main meeting.

Software Review

MIKE SAWLEY

MINDLINK REVIEW - PART 3

Now that you have MINDLINK up and running, what sort of BBS do you have? Is it one that can be easily changed as your needs change? How about adding and removing equipment (in case of breakdowns or if higher capacity drives are found); will you be able to do this without having to restart the entire system? And what of your callers? Will novice callers be able to tell what is expected at various prompts while at the same time will more expert callers be able to move about the system without undue prompting? These and other questions will be looked at this month and next month.

Before we get started I would like to make my point of view quite clear, lest you get the wrong idea. I have been Sysop of a F.o.R.e.M. XL BBS for about a year now. In that time I have come to both love and hate the program. Sound strange? I suppose you would have to operate a BBS to know what I mean by this. At any rate, I am more familiar with F.o.R.e.M. than any other BBS program and so will use it as a comparison. I realize that F.o.R.e.M. has been around for quite some time, thus giving the author the luxuries of many hours to debug it as well as many suggestions from both Sysops and callers, but I see no reason that SofMark cannot use this wealth of

Information to refine and perfect MINDLINK. Secondly, after a few moments of online time to MINDLINK, you will certainly agree with me that it has much the same "flavor" as F.o.R.e.M. I don't know if SofMark had this intention when they started work on MINDLINK, but it did end up that way. What am I trying to get across here? In looking over my notes, I find that a lot of what I am about to say will point out what I consider weak areas of MINDLINK. I will also recommend changes and additions. That is only fair. I don't want you to think that I am ragging on MINDLINK and pumping up F.o.R.e.M. On the contrary, F.o.R.e.M. leaves many areas open for improvement. Rather, I hope SofMark will take what I say with an open mind and that it will help them in making their program a much better product.

So where to start? It seems the most popular section of Atari boards are the file listings, both the program library (F and D commands) and the Data Base (MINDLINK'S "Virtual Memory"). These sections will let the BBS send files to the caller as well as allow the caller to end files to the BBS. Lets start with the Data Base, as it is the simpler half.

I find the Data Base both flexible and fast. This is because you can give a certain Data Base file any name that pleases you rather than the cryptic DBFIL????.TXT name that F.o.R.e.M. requires. You can also place any D.B. file on any drive and MINDLINK will go right to the correct drive. This is because the D.B. index holds not only the file name but also the drive reference. You can have one D.B. file for each letter of the alphabet, which should suffice any but the most active Sysop. There are only two areas that I'd like to see added to the D.B. First, you are restricted to text files while in the D.B. because MINDLINK offers only a simple ASCII dump when sending files. XMODEM/AMODEM should be offered so that programs of special note or importance can be held in the D.B. Second, it would be nice to have a "SUB-MENU" option. This would allow you to group D.B. files according to topic.

The [F]iles and [D]ownload section are also set up quite well. There are only a few areas that I'd like to see changed.

When requesting the [F]ile listing, you are first given a list of categories. This list shows such things as MUSIC, DEMOS, GAMES, APPLICATIONS and ALL to name a few. You then select the category you want to see by typing the letter associated with it. The letters are simply ABCDEF...I. While there is nothing really wrong with this, it would seem more logical and intuitive to

have ALL FILES keyed with "A" rather than "I". A similar statement could be made for each of the categories.

In the actual listing, the length of a file is given in sectors with an "S" or "D" to indicate the density of the drive that the file is held on. Also, at the end of the file listing, a total sector count is displayed so that a caller knows how much free space is available for uploading. One has to wonder how accurate this is since densities are not translated. It would be nice if MINDLINK could simply convert all file lengths to "blocks" or some other standard. The information is in the computer, why not let the computer do the calculation rather than the human caller?

When uploading, the caller has the option to enter documentation about the upload. This documentation is sent to the system printer. It would be nice if a caller MUST enter documentation for the Sysop. I can't count the hours that I have spent trying to figure out how a certain upload worked (i.e. what equipment is required, which DOS it will run under and which it won't, etc...). It should not take too much time for the caller to enter this information.

Currently, if a caller is good enough to enter documentation for the Sysop, a menu is also displayed that shows how disk file name extenders are used to catalog uploads. The caller is then asked to enter a file name. This was an area of confusion for a lot of callers, even those that are more expert in using a BBS. They would enter the file name including the extenders when MINDLINK wanted just the file name. It would then go to a series of prompting to get the extenders. I think it would make it much easier if the extender table could be broken down into three parts, each part displayed at the appropriate prompt.

If a caller is not offering documentation to the Sysop about his upload, MINDLINK will still ask for an access level. It seemed that most callers, especially novice ones, had no idea what was expected of them here. If a caller is not going to enter documentation for the Sysop, the let MINDLINK automatically place a "Z" for access level.

The last area of file transfer I would like to speak on is the XMODEM/AMODEM routines that are incorporated in MINDLINK. The majority of terminal software currently available for the 520ST uses a different version of XMODEM than does F.o.R.e.M. In fact, ST's use a more "by the book" version, while F.o.R.e.M. uses a modified version that is optimized for Atari 8-bit machines.

I think this version was first made popular by the AMODEM series, but don't quote me on that. At any rate, ST's are not currently able to do file transfer to F.o.R.e.M. BBS without special software. I do hope that SofMark has written it's XMODEM in a general enough fashion to allow both XMODEM and "AMODEM" file transfer. I say hope, because I was not able to test MINDLINK with an ST on the other end.

That should about do it for file transfer, listings, etc. The other major reason for a BBS is message storage.

MINDLINK currently offers up to 8 message bases (or zones) plus an Electronic Mail section. Let's start by looking at the message editor. After all, someone will have to type in something before you can read it, right?

The message editor has a set format of 20 lines by 80 columns. This should be enough to satisfy all but the most long winded of callers. It also pays special attention to those with 80 column screens. Now, those of us with 40 column screens can certainly make out the messages, but formatting would be a lot nicer if a 40 column option were available. Also, a lot of the more novice callers thought they had to press [RETURN] at the end of their 40 column screens. This caused the available message memory to be cut in half for those folks. Perhaps a bit could be added to the password file so that MINDLINK can know how many columns a callers screen is set to. Another nice feature would be an auto-word wrap at the end of each line. Not really necessary, but a nice touch. This might be turned off and on by a bit in the password record.

The editor naturally has a set of commands all its own. These commands give the editor a "mini-word processor" quality, letting you jump around the text that has already been entered. These commands are "slash" commands, meaning that the editor looks for the first character of each line. If it finds a slash (/) then the next character is examined to see if it is a valid command. If it is one of the characters that make up the command list, then appropriate action is taken, otherwise these characters are accepted as part of the body of the message. This is fine, but you must be careful that you indeed wanted to make this text rather than a command. We will look at this in more detail below as we examine each command in detail.

The command list has the necessary SAVE (/S) and ABORT (/A) commands. The ABORT command lets you gracefully jump out of the

message editor without saving whatever you have typed so far. On the other hand, the SAVE command is not so graceful; it is not a full save. It will only save your message from the top of the file to the line that the /S command is entered on. While this type of save is needed by MINDLINK because it lacks a delete lines (/Xn, maybe?) command, it might be easier for callers to include a delete command and let the /S command save the entire file. Another missing command that makes this type of save cumbersome is a go to bottom (/B) command (besides, the go to Top of file (/T) command looks lonely). There is no way for you to easily get to the bottom of your message so that you can save it or add to it unless you have made special note of the last line number you have entered. You can then use the GOTO line (/Gn) or the DOWN LINES (/Dn) to get to the last line that was entered.

Given all the above, the List (/L) command will get a lot of use, especially if it could be made a little more complete. Currently, you can list lines from the top of the file to whatever line you happen to be on. There is no way to get a full listing of the message unless you happen to be on the bottom of the message (sometimes hard to find). Also, when you drop in on a line, (with any of the movement commands) the line that has just been accessed will not be listed. Are we at the bottom of the message yet? Don't know... better drop down another line (/D1) and list the message again. But be careful, if that slash command is not really a command, you've just wiped out the line!

What would I like to see added to the command set? Two commands: A CHANGE command so that you don't have to re-enter the entire line if you've made a simple spelling mistake and an INSERT LINE command so you can add to the middle of a message

Well, that should about do it for this month. I seem to have taken up more than my share of the Journal already. Next month, we'll look at reading messages, the Electronic Mail section and a number of the global features of MINDLINK.

ST SIG

MIKE CURRY

Here is the latest ST SIG news:

SOFTWARE:

We have four new public domain software disks in our library since my last report.

Jg programs:

DISK FILE EXAMINER * - Allows listing of any type of disk file on the screen or printer (parallel port only) in ASCII or HEXADECIMAL and ASCII formats.

MEMORY EXAMINER - Allows peeking into previously uncharted areas of the computer's RAM, even lets you search for lines of text.

FLOPPY DISK FORMATTER AND COPIER * - Programs to format any type of floppy and copy in one step. Also stand-alone formatter.

MULTIPLE DISK COPIER * - This program allows ST systems with TOS in ROM or 1 MEG RAM to read a single-sided (360K) disk into memory and then make as many copies of it as you want with NO SWAPPING or duplicate reading of the source disk. Great for software librarians (like me). Intended for anyone who needs to make many copies of the same disk and would like to save time.

DISK LABELMAKER - This program allows interactive editing of labels for diskettes, and printing of as many as you like. Allows use of any printer formatting codes you desire, and you can even save your work and recall it for later modification. Intended for people who need to make multiple copies of one label (disk librarians for instance - me again?).

BINARY-DECIMAL CALCULATOR (desk accessory) * - This little gem (pun intended) is a very neat little desk accessory that contains a full - function binary, decimal, and hexadecimal calculator that is accessible from any program that shows the GEM drop-down menus.

There is a whole lot more on the disk (it has about 4K of free space) but I cannot ramble on forever. An asterisk (*) next to the program denotes C source code on disk along with the program.

January 1986 Special Disk of the Month:

This disk contains the flying parrot (cockatoo?) program which operates much the same as the NEO slide show, except that after loading and displaying each picture, an animated bird flies majestically across the screen. Also contains the bouncing ball demo program (BOINK.PRG) that shows the power of a fast 68000 CPU.

February 1986 Special Disk of the Month:

This two volume set contains a large assortment of Lotus 1-2-3 spreadsheet templates that can be loaded into VIP Professional. Financial applications such as ledgers, receivables, payables, budgeting and more.

On another subject, I am going to start using a standard for filename extensions on documentation files. I am constantly trying to figure out what word processor is needed for what files when they are submitted to me

on disk, and I feel that other people may have experienced the same situation. Therefore, all ST SIG disks issued after February 86 will have the following standard extensions on document files:

name.DOC - First Word filename.

STW - ST Writer filename.

TXT - Plain text file (no word processor needed).

I hope this will help others as it has helped me. I am open to suggestions for other word processors as they come available, and other types of applications as well.

We are very interested in obtaining DB Master One database layout files for just about any application; we would like to put together one or more disks for DB Master users for inclusion into our library. If anyone out there has anything, please do not hesitate to contact me.

I am in the process of putting together a 300/1200 baud BBS system specifically for the ST users. It will be running on an IBM PC/XT (no bricks, please!) and that means LOTS of room for up/downloads (8 megabytes!). I will keep you posted on my efforts to get this behemoth up and running.

At our January SIG meeting there were some neat demos of hardware and software, Dave Duberman (formerly of ATARI) demonstrated a very nice color printer (dot matrix impact) that his company will be selling for around \$400. David Beckemeyer demonstrated multi-tasking applications on the ST system using low-cost software he is developing. This demonstration really showed the power of the 68000 processor inside the ST. David has donated the demo program and source code to the user's group for those who want it. Look for the demo program on next month's disk.

After the February main meeting I will no longer be able to attend both the main meeting and the SIG meeting in order to sell the ST SIG disks. Therefore, in order to purchase ST software from the club, you must come to the SIG meeting (same place as the main meeting, same time, date listed in the back of the journal). I will be selling disks the February main meeting in order to inform others of the change. If anyone has a problem making it to the SIG meeting, they can contact me directly and request whatever disks they need, and I will bring them to the main meeting.

Well, that should do it for this month. Bye Kids!

SUN MON TUE WED THU FRI SAT

						1 10-6 Computer Swap America Santa Clara Fairgrounds
2	3	4 8 pm <u>MAIN MEETING</u> S.L. Library 300 Estudillo	5	6 8 pm <u>EXEC. BOARD</u> closed meeting	7	8 8 pm <u>ATR8000 SIG</u> for info call Mike 482-5061
9	10 8 pm <u>ST SIG</u> S.L. Library 300 Estudillo	11 8 pm <u>ASSEMBLY SIG</u> for info call Frank 632-7181	12 Lincoln Birthday	13	14 Newsletter Deadline for info call Ron 537-3183	15 7 pm <u>MSIG/GAMEROOM</u> for info call Phil 351-2208
16	17 Washington's Birthday	18	19	20 8 pm <u>BASIC PROG. SIG</u> for info call Guy 582-5561	21	22
23	24	25	26	27	28	

**SAN
LEANDRO
COMPUTER
CLUB**

FEBRUARY 1986



SLCC Interface

The SLCC Interface is available to all active club members for the purpose of announcing any club function, an item for sale, swap meets, or to be used as a question/answer forum. You may give any officer your contribution to the Interface, or you can leave it on "The Masthead" message base of the Key System BBS, (415) 352-5528, operated by Sysop Mike Sawley.

There is a new Atari BBS, 300-1200 baud, 24 hours. Call:

THE FORBIDDEN PLANET
(415) 481-8760

Bob Barton reports there are some new local Compuserve Access telephone numbers:

Walnut Creek (415) 682-2633

Oakland (415) 531-3700

Castro Valley (415) 581-2631

FOR SALE: ATR8000 owners: ATR8000 MS-DOS Interface. Complete with manuals and software. \$250.00. Call John at 276-2615.

FOR SALE: ISUZU IMPULSE, 1983. 49,000 miles. One owner. \$7,700. Call Dick Scott at 887-8357.

C.U.R.A., Inc is a community based, non-profit, residential drug and alcohol rehabilitation center serving Alameda County. We are a one to two year program assisting 40-45 residents who are changing their lives and freeing themselves from chemical dependency.

We are in need of a computer, disk drive, printer, and software for word processing, record keeping, and recreation. All donations are tax deductible.

Anyone willing to give classes at C.U.R.A. would be welcome. All donations and help will be greatly appreciated.

For further information feel free to call or write me.

Avery Chamliis
C.U.R.A., Inc
37437 Glenmoor Dr
Fremont, CA 94536
(415) 792-3377

SLCC Journal

P.O. Box 1525, San Leandro, CA 94577

Next Meeting:

FEBRUARY 4 8:00 PM
San Leandro Community Library
300 Estudillo Ave.
San Leandro, CA

7:30-8:00: Soft/Hardware Swap
8:00 Speaker:

NEAL HARRIS
ATARI CORP.

TO:

86/05/08

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